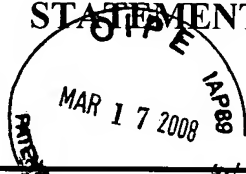


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U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
	X	Abell and Brown, "Sindbis virus membrane fusion is mediated by reduction of glycoprotein disulfide bridges at the cell surface," September 1993 <i>J. Virol.</i> 67(9):5496-5501.
	X	Cassell et al., "Effects of lysosomotropic weak bases on infection of BHK-21 cells by Sindbis virus," December 1984 <i>J. Virol.</i> 52(3):857-864.
	X	Chalfie et al., "Green fluorescent protein as a marker for gene expression," 11 February 1994 <i>Science</i> 263(5148):802-805.
	X	Cheng et al., "Nucleocapsid and glycoprotein organization in an enveloped virus," 24 February 1995 <i>Cell</i> 80:621-630.
	X	Chepurinov et al., "Suppressive effect of Ebola virus on T cell proliferation in vitro is provided by a 125-kDa GP viral protein," 1 June 1999 <i>Immunol. Lett.</i> 68(2-3):257-261.
	X	DeTulleo and Kirchhausen, "The clathrin endocytic pathway in viral infection," 1998 <i>EMBO J.</i> 17(16):4585-4593.
	X	"The DNA and RNA Reverse Transcribing Viruses," [online]. The International Committee on Taxonomy of Viruses, 21 April 1998 [retrieved 2003-06-03]. Retrieved from the Internet: http://www.ncbi.nlm.nih.gov/ICTV/overview/dnaandrna.html ; 1 pg.
	X	Flynn et al., "A conformational change in Sindbis virus glycoproteins E1 and E2 is detected at the plasma membrane as a consequence of early virus-cell interaction," August 1990 <i>J. Virol.</i> 64(8):3643-3653.
	X	Fuller, "The T=4 envelope of Sindbis virus is organized by interactions with a complementary T=3 capsid," 27 March 1987 <i>Cell</i> 48:923-934.

EXAMINER	Date Considered
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	X	Gaedigk-Nitschko and Schlesinger, "The sindbis virus 6K protein can be detected in virions and is acylated with fatty acids," March 1990 <i>Virology</i> 175(1):274-281.
	X	Gallardo et al., "Recombinant retroviruses pseudotyped with the vesicular stomatitis virus G glycoprotein mediate both stable gene transfer and pseudotransduction in human peripheral blood lymphocytes," 1 August 1997 <i>Blood</i> 90(3):952-957.
	X	Glomb-Reinmund and Kielian, "The role of low pH and disulfide shuffling in the entry and fusion of Semliki Forest virus and Sindbis virus," 1 September 1998 <i>Virology</i> 248(2):372-381.
	X	Havenga et al., "Development of safe and efficient retroviral vectors for Gaucher disease," December 1997 <i>Gene Therapy</i> 4(12):1393-1400.
	X	Liu et al., "Pseudotransduction of hepatocytes by using concentrated pseudotyped vesicular stomatitis virus G glycoprotein (VSV-G)-Moloney murine leukemia virus-derived retrovirus vectors: comparison of VSV-G and amphotropic vectors for hepatic gene transfer," April 1996 <i>J. Virol.</i> 70(4):2497-2502.
	X	McCray, Paul "Gene Transfer to Human Airway Epithelia In Vivo," Grant Abstract, Grant Number 2P01HL051670-06A10005 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates 1999-04-01 to 2000-03-31 [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6110285&p_grant_num=2P01HL051670-06A10005&p_query=&ticket=50955150&p_audit_session_id=278722693&p_keywords=> >; 2 pgs.
	X	McCray, Paul "Gene Transfer to Human Airway Epithelia In Vivo," Grant Abstract, Grant Number 5P01HL051670-070005 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates 2000-07-01 to 2001-03-31 [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6325956&p_grant_num=5P01HL051670-070005&p_query=&ticket=50955150&p_audit_session_id=278722693&p_keywords=> >; 2 pgs.
	X	McCray, Paul "Gene Transfer to Human Airway Epithelia In Vivo," Grant Abstract, Grant Number 5P01HL051670-080005 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates 2001-08-01 to 2002-03-31 [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6485289&p_grant_num=5P01HL051670-080005&p_query=&ticket=50955150&p_audit_session_id=278722693&p_keywords=> >; 2 pgs.

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	X	McCray, Paul "Gene Transfer to Human Airway Epithelia In Vivo," Grant Abstract, Grant Number 5P01HL051670-090005 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates 2002-04-01 to 2003-03-31 [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6581185&p_grant_num=5P01HL051670-090005&p_query=&ticket=50955150&p_audit_session_id=278722693&p_keywords=> >; 2 pgs.
	X	McCray, Paul "Gene Transfer to Human Airway Epithelia In Vivo," Grant Abstract, Grant Number 5P01HL051670-100005 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates unlisted [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6729317&p_grant_num=5P01HL051670-100005&p_query=&ticket=50955150&p_audit_session_id=278722693&p_keywords=> >; 2 pgs.
	X	McCray, Paul "Targeting Entry in Epithelia with ICMV-FIV," Grant Abstract, Grant Number 2P01HL051670-110005 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates 2004-04-01 to 2009-03-31 [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6853152&p_grant_num=2P01HL051670-110005&p_query=&ticket=50955150&p_audit_session_id=278722693&p_keywords=> >; 2 pgs.
	X	McCray, Paul "Innate Immune Properties of Airway Epithelium," Grant Abstract, Grant Number 2P50HL061234-060002 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates 2003-09-01 to 2008-08-31 [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6716915&p_grant_num=2P50HL061234-060002&p_query=&ticket=58832430&p_audit_session_id=296592937&p_keywords=> >; 2 pgs.
	X	McCray, Paul "Innate Immune Properties of Airway Epithelium," Grant Abstract, Grant Number 5P50HL061234-070002 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, Fiscal Year 2004, [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6948852&p_grant_num=5P50HL061234-070002&p_query=&ticket=58832430&p_audit_session_id=296592937&p_keywords=> >; 2 pgs.
	X	McCray, Paul "Retrovirus Mediated Gene Transfer to Airway Epithelia," Grant Abstract, Grant Number 1R01HL061460-01 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates 1998-12-16 to 2002-11-30 [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=2732174&p_grant_num=1R01HL061460-01&p_query=&ticket=50955150&p_audit_session_id=278722693&p_keywords=> >; 2 pgs.

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	X	McCray, Paul "Retrovirus Mediated Gene Transfer to Airway Epithelia," Grant Abstract, Grant Number 5R01HL061460-02 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates 1998-12-16 to 2002-11-30 [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6125979&p_grant_num=5R01HL061460-02&p_query=&ticket=50955150&p_audit_session_id=278722693&p_keywords=> >; 2 pgs.
	X	McCray, Paul "Retrovirus Mediated Gene Transfer to Airway Epithelia," Grant Abstract, Grant Number 5R01HL061460-03 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates 1998-12-16 to 2002-11-30 [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6330181&p_grant_num=5R01HL061460-03&p_query=&ticket=50955150&p_audit_session_id=278722693&p_keywords=> >; 2 pgs.
	X	McCray, Paul "Retrovirus Mediated Gene Transfer to Airway Epithelia," Grant Abstract, Grant Number 5R01HL061460-04 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates 1998-12-16 to 2003-11-30 [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6476880&p_grant_num=5R01HL061460-04&p_query=&ticket=50955150&p_audit_session_id=278722693&p_keywords=> >; 2 pgs.
	X	McCray, Paul "Filovirus Enveloped FIV: Virus-epithelia Interactions-CF," Grant Abstract, Grant Number 1R01HL075363-01 [online]. National Institutes of Health: National Heart, Lung, and Blood Institute, project dates 2004-04-01 to 2008-03-31 [retrieved on 2005-01-26]. Retrieved from the Internet: < ">http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6709619&p_grant_num=1R01HL075363-01&p_query=&ticket=50955150&p_audit_session_id=278722693&p_keywords=> >; 2 pgs.
	X	"NetOGlyc 2.0 Server" [online]. Center for Biological Sequence Analysis, 24 February 2003 [retrieved 2003-06-03]. Retrieved from the Internet: < http://www.cbs.dtu.dk/services/NetOGlyc/ >; 2 pgs.
	X	Rolls et al., "Novel infectious particles generated by expression of the vesicular stomatitis virus glycoprotein from a self-replicating RNA," 4 November 1994 <i>Cell</i> 79:497-506.
	X	Schnierle et al., "Pseudotyping of murine leukemia virus with the envelope glycoproteins for HIV generates a retroviral vector with specificity of infection for CD4-expressing cells," 5 August 1997 <i>PNAS</i> 94(16):8640-8645.
	X	Simmons et al., "Ebola virus glycoproteins induce global surface protein down-modulation and loss of cell adherence," March 2002 <i>J. Virol.</i> 76(5):2518-2528.

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	X	Sinn, Patrick "Pseudotyping FIV to Target Human Airway Epithelia," Grant Abstract, Grant Number 1F32HL067623-01 [online]. National Institutes of Health; National Heart, Lung, and Blood Institute, project start date 2001-09-12 [retrieved on 2005-01-26]. Retrieved from the Internet: <http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6340380&p_grant_num=1F32HL067623-01&p_query=&ticket=50955893&p_audit_session_id=278722693&p_keywords=>; 2 pgs.
	X	Sinn, Patrick "Pseudotyping FIV to Target Human Airway Epithelia," Grant Abstract, Grant Number 5F32HL067623-02 [online]. National Institutes of Health; National Heart, Lung, and Blood Institute, project start date 2002-09-12 [retrieved on 2005-01-26]. Retrieved from the Internet: <http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6555856&p_grant_num=5F32HL067623-02&p_query=&ticket=50955893&p_audit_session_id=278722693&p_keywords=>; 2 pgs.
	X	Wahlberg et al., "Membrane fusion of Semliki Forest virus involves homotrimers of the fusion protein," December 1992 <i>J. Virol.</i> 66(12):7309-7318.
	X	Wahlberg and Garoff, "Membrane fusion process of Semliki Forest virus. I: Low pH-induced rearrangement in spike protein quaternary structure precedes virus penetration into cells," January 1992 <i>J. Cell. Biol.</i> 116(2):339-348.

U.S. PATENT APPLICATIONS BY SERIAL NUMBER

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